



US009408459B2

(12) **United States Patent**  
**Cooke**

(10) **Patent No.:** **US 9,408,459 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **COMBINATION BROOM AND SHOVEL**

USPC ..... 294/54.5, 57-58; 16/426-427, 429,  
16/438; 37/265, 285; D8/10  
See application file for complete search history.

(71) Applicant: **Reid Cooke**, Cleveland, NC (US)

(72) Inventor: **Reid Cooke**, Cleveland, NC (US)

(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/799,754**

(22) Filed: **Jul. 15, 2015**

(65) **Prior Publication Data**

US 2016/0021810 A1 Jan. 28, 2016

**Related U.S. Application Data**

(60) Provisional application No. 62/027,839, filed on Jul.  
23, 2014.

(51) **Int. Cl.**

**A01B 1/20** (2006.01)  
**A01B 1/22** (2006.01)  
**A01D 9/00** (2006.01)  
**A01D 11/00** (2006.01)  
**A46B 15/00** (2006.01)  
**A01B 1/02** (2006.01)

(52) **U.S. Cl.**

CPC ..... **A46B 15/0055** (2013.01); **A01B 1/20**  
(2013.01); **A01B 1/02** (2013.01)

(58) **Field of Classification Search**

CPC ..... A01B 1/026; A01B 1/022; A01B 1/20;  
A01B 15/0055; A01B 1/02; B25G 3/02;  
B25G 1/04; E01H 5/02; B25F 5/026; E05B  
1/0015; A46B 15/0055

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D355,075 S \* 2/1995 Stone ..... D30/162  
6,170,112 B1 \* 1/2001 Mayfield ..... A46B 17/02  
15/143.1  
D444,952 S \* 7/2001 Mason, Jr. .... D4/118  
6,944,980 B1 \* 9/2005 Lefrancois ..... E01H 5/02  
37/285  
D553,921 S \* 10/2007 Melady ..... D8/10  
7,347,468 B1 \* 3/2008 Tidcomb ..... A01B 1/022  
15/117  
D617,158 S \* 6/2010 Smith ..... D8/10  
2005/0017525 A1 \* 1/2005 Douziech ..... E01H 5/02  
294/58

\* cited by examiner

*Primary Examiner* — Stephen Vu

(74) *Attorney, Agent, or Firm* — Shumaker, Loop &  
Kendrick, LLP

(57) **ABSTRACT**

The invention is a combination broom and shovel having an  
extended handle, a shovel head and a broom head attached to  
the same end of the device. The shovel head has a bed and a  
leading edge that is flat and at a slight angle relative to an axis  
of the extended handle. The broom head has a leading edge  
that is flat and at an angle that is roughly perpendicular to the  
bed of the shovel head.

**5 Claims, 5 Drawing Sheets**

